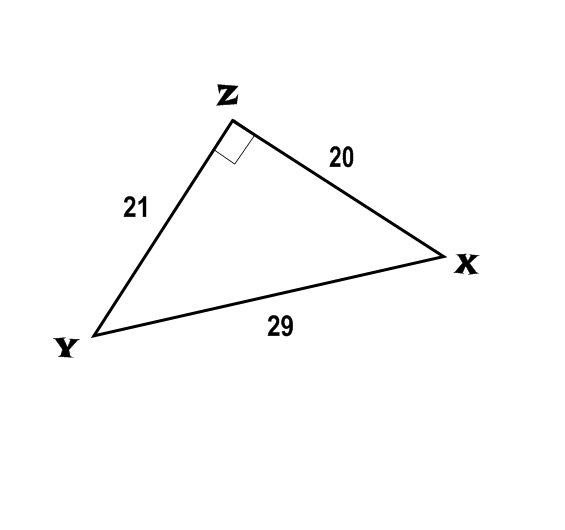
Right Triangle Trig Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_period: \_\_\_\_\_

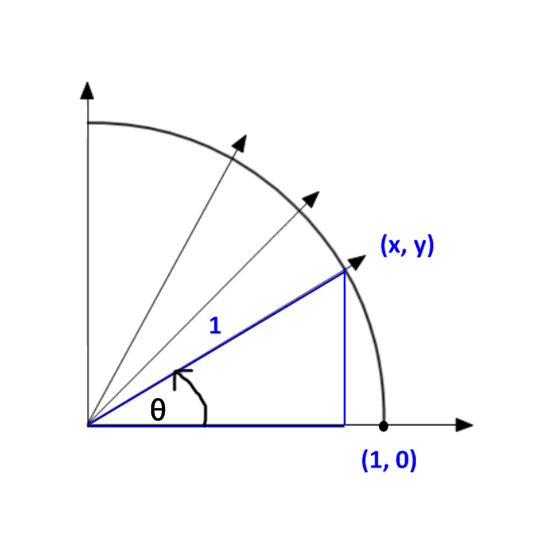
Mini-Test Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

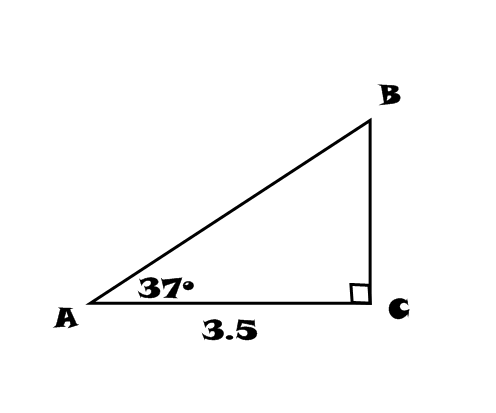
Refer to XYZ to find each value below.

Give exact answers rounded to the nearest thousandth.

1. sin Y \_\_\_\_\_\_\_\_\_\_
2. sin X \_\_\_\_\_\_\_\_\_\_
3. cos Y \_\_\_\_\_\_\_\_\_\_
4. cos X \_\_\_\_\_\_\_\_\_\_
5. tan Y \_\_\_\_\_\_\_\_\_\_
6. tan X \_\_\_\_\_\_\_\_\_\_
7. csc Y \_\_\_\_\_\_\_\_\_\_
8. csc X \_\_\_\_\_\_\_\_\_\_
9. sec Y \_\_\_\_\_\_\_\_\_\_
10. sec X \_\_\_\_\_\_\_\_\_\_
11. cot Y \_\_\_\_\_\_\_\_\_\_
12. cot X \_\_\_\_\_\_\_\_\_\_

Match the trigonometric function with its corresponding x or y value.

1. sin θ \_\_\_\_\_ a)
2. cos θ \_\_\_\_\_ b)
3. tan θ \_\_\_\_\_ c) x
4. cot θ \_\_\_\_\_ d)
5. csc θ \_\_\_\_\_ e) y
6. sec θ \_\_\_\_\_ f)

Find the missing measurement.

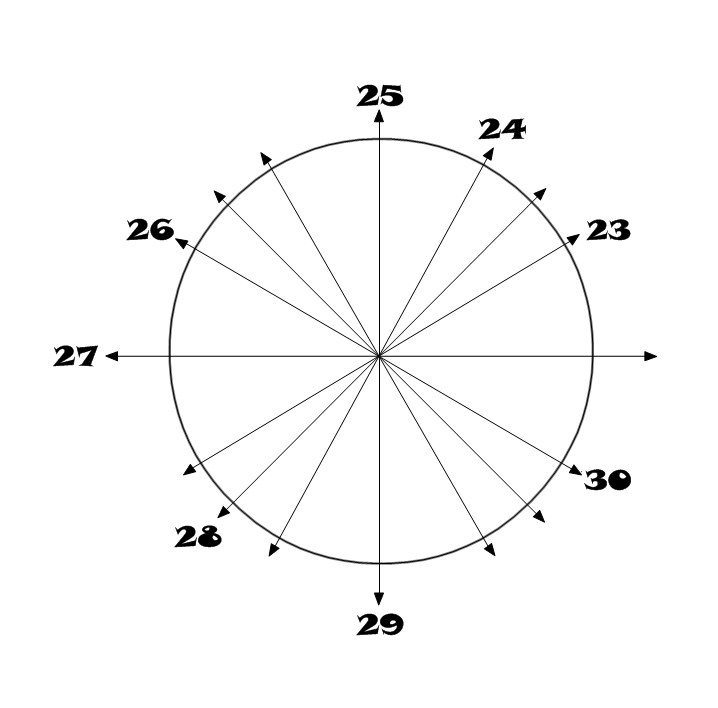
Round to the nearest thousandth.

1. Find BC \_\_\_\_\_\_\_\_\_\_\_\_
2. Find AB \_\_\_\_\_\_\_\_\_\_\_\_
3. Find ABC \_\_\_\_\_\_\_\_\_\_\_\_

A 12 foot ladder leans against a wall with an angle of elevation of 55°.

1. How far is the base of the ladder from the wall?
2. How far up the wall does the ladder reach?

Label with the correct degrees:



1. \_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_